

Converting Colors

XYZ(26.7934, 30.9486, 13.6387)

Have a look what the booklet for
XYZ(26.7934, 30.9486, 13.6387)
contains.

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Color

**XYZ(26.7681, 31.0008,
13.5898)**

Conversions

Conversions Part 1

Format	Color
Hex	9A9B57
RGB	154, 155, 87
RGB Percent	60%, 61%, 34%
CMY	0.3961, 0.3921, 0.6588
CMYK	0.01, 0.00, 0.44, 0.39
HSL	61°, 28%, 47%
HSV	61°, 44%, 61%
XYZ	26.7681, 31.0008, 13.5898
YIQ	146.9490, 21.2320, -21.3600

Conversions

Conversions Part 2

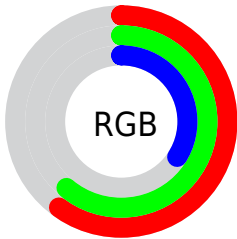
Format	Color
RYB	87, 155, 88
Decimal	10132311
CIELab	62.51, -10.66, 35.41
CIELCh	63, 36.979, 106.751
Yxy	31.0008, 0.3751, 0.4344
Android (android.graphics.Color)	4288322391 (0xFF9A9B57)
YUV	146.9490, -29.5549, 6.1837
Hunter-Lab	55.6784, -11.6209, 24.5035

Details

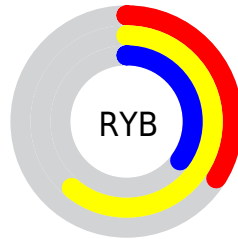
The XYZ color **26.7681, 31.0008, 13.5898** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.3502, 11.2584, 32.4816**, and the grayscale version is **27.8249, 29.2740, 31.8794**.

A 20% lighter version of the original color is **53.9663, 61.1375, 33.0012**, and **10.6834, 12.8138, 3.8297** is the 20% darker color. If you saturate the color by 10%, you get **26.1585, 30.7530, 10.6032**, and if you desaturate by 10%, it is **27.5153, 31.3058, 17.2939**.

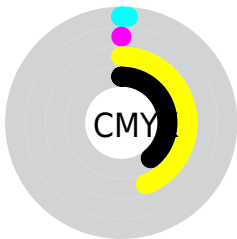
Distribution



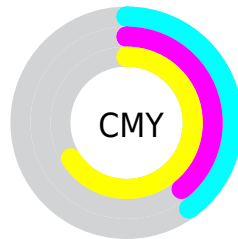
- Red (60%)
- Green (61%)
- Blue (34%)



- Red (34%)
- Yellow (61%)
- Blue (35%)



- Cyan (1%)
- Magenta (0%)
- Yellow (44%)
- Black (39%)



- Cyan (40%)
- Magenta (39%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7681, 31.0008, 13.5898 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 26.7681, 31.0008, 13.5898 by changing the saturation by 10% instead.

■ 26.7681, 31.0008,
13.5898

■ 26.7681, 31.0008,
13.5898

278.7206,
306.5420, 226.0028

■ 17.5348, 20.5995,
7.7004

■ 53.9340, 61.2413,
33.0660

■ 10.7142, 12.8315,
3.8189

■ 72.5974, 81.8493,
47.4899

■ 5.9409, 7.3126,
1.5265

■ 95.1348, 106.6283,
65.5957

■ 2.8495, 3.6584,
0.2376

■ 121.9117,
135.9627, 87.8020

■ 1.0747, 1.4844,
0.0000

■ 153.2934,
170.2368, 114.5274

■ 0.0038, 0.2777,
0.0000

189.6452,

■ 0.0000, 0.0000,

209.8352, 146.1902

0.0000

231.3325,
255.1421, 183.2092

■ 26.7681, 31.0008,
13.5898

■ 26.7681, 31.0008,
13.5898

■ 26.1585, 30.7530,
10.6032

■ 27.5153, 31.3058,
17.2939

■ 25.6754, 30.5548,
8.2860

■ 28.4059, 31.6671,
21.7557

■ 25.3098, 30.4035,
6.5870


■ 29.4480, 32.0890,
27.0148


■ 25.0504, 30.2948,
5.4469


■ 30.6485, 32.5743,
33.1075


■ 24.8838, 30.2231,
4.7949


■ 32.0138, 33.1254,
40.0677

 24.8053, 30.1887,
4.5196

 33.5500, 33.7450,
47.9276

 35.2629, 34.4353,
56.7177

 37.1581, 35.1985,
66.4671

 39.2408, 36.0367,
77.2035

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.7351, 31.0008, 13.3526



26.7681, 31.0008, 13.5898



22.9747, 31.0008, 18.1265

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.7681, 31.0008, 13.5898



23.3301, 31.0008, 58.1802



39.9033, 31.0008, 40.5001

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



26.7681, 31.0008, 13.5898



13.3502, 11.2584, 32.4816

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



37.0760, 31.0008, 56.4787



26.7681, 31.0008, 13.5898



27.3065, 31.0008, 68.4778

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26.7681, 31.0008, 13.5898



21.1498, 31.0008, 42.3720



32.3379, 31.0008, 67.7790



39.7166, 31.0008, 26.3928

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.7681, 31.0008, 13.5898



21.4514, 31.0008, 23.9700



32.3379, 31.0008, 67.7790



39.2614, 31.0008, 45.8944

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



26.7689, 31.0022, 13.5904



52.8597, 57.5151, 49.0078



18.6471, 14.4739, 10.8282



11.8704, 12.9802, 10.6164



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.7689, 31.0022, 13.5904



46.8286, 55.0659, 18.9114



21.3280, 28.1973, 13.3358



6.6999, 7.2183, 6.6460



19.9256, 24.2479, 3.6301



0.3003, 0.3638, 0.0544

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



13.3502, 11.2584, 32.4816



19.5102, 14.8662, 57.3775



17.2107, 13.2486, 32.6622



5.8925, 6.0305, 7.7824



4.7780, 1.9142, 25.0254



0.0734, 0.0296, 0.3742

Previews

White Background



This preview shows how the XYZ color 26.7681, 31.0008, 13.5898 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 26.7681, 31.0008, 13.5898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

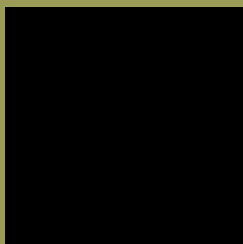
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

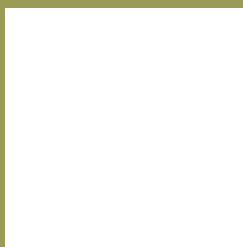
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.7681, 31.0008, 13.5898

Background



This preview shows how black text looks on a background with the XYZ color 26.7681, 31.0008, 13.5898.



This preview shows how white text looks on a background with the XYZ color 26.7681, 31.0008,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

26.7681, 31.0008, 13.5898

Protanopia

28.4722, 30.9121, 13.2701

Deuteranopia

31.3472, 30.7520, 13.9564



Tritanopia

31.5056, 31.0174, 36.6742

Trichromacy



Original Color

26.7681, 31.0008, 13.5898

Protanomaly

27.8082, 30.8097, 13.2853

Deuteranomaly

29.4063, 30.6717, 13.8215

Tritanomaly

29.3693, 30.8496, 26.2364

Monochromacy



Original Color

26.7681, 31.0008, 13.5898

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.1857, 29.7774, 23.7168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7681, 31.0008, 13.5898 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(154, 155, 87)` looks like.

```
.text, #text, p{  
    color:rgb(154, 155, 87)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(154, 155, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 155, 87) }
```

Border

The CSS property to change the border of an element to XYZ 26.7681, 31.0008, 13.5898 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(154, 155, 87) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(154, 155, 87) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(154, 155, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 155, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 155, 87);  
box-shadow:4px 4px 4px 4px rgb(154, 155,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7681, 31.0008, 13.5898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 155, 87) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(154,  
155, 87) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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